

Natural CICS Sample Programs

This part of the Natural CICS Interface documentation describes the Natural CICS sample programs. It covers the following topics:

- Sample Programs in Natural CICS Source Library
- Sample Programs for Use with VSE/ESA

You can find a more detailed explanation of all these programs in the corresponding program source itself.

Sample Programs in Natural CICS Source Library

The following sample programs are supplied in the Natural CICS source library:

XNCI3GC1 - Subprogram Call

Programming Language: COBOL

This program provides a sample COBOL call to a Natural subprogram under CICS.

XNCI3GP1 - Subprogram Call

Programming Language: PL/1

This program provides a sample PL/1 call to a Natural subprogram under CICS.

XNCIFRCL - Front-End Program

Programming Language: COBOL

This is a front-end program for invoking Natural via EXEC CICS LINK.

XNCIFRPL - Front-End Program

Programming Language: PL/1

This is a front-end program for invoking Natural via EXEC CICS LINK.

XNCIFRCS - Front-End Program

Programming Language: COBOL

This is a front-end program for invoking Natural via EXEC CICS START.

XNCIFRPS - Front-End Program

Programming Language: PL/1

This is a front-end program for invoking Natural via EXEC CICS START.

XNCIFRCX - Front-End Program

Programming Language: COBOL

This is a front-end program for invoking Natural via EXEC CICS XCTL.

XNCIFRPX - Front-End Program

Programming Language: PL/1

This is a front-end program for invoking Natural via EXEC CICS XCTL.

XNCIFRNL - Front-End Program

Programming Language: Assembler

This is a front-end program for invoking Natural via EXEC CICS LINK.

XNCIFRNS - Front-End Program

Programming Language: Assembler

This is a front-end program for invoking Natural via EXEC CICS START.

XNCIFRNP - Initialization Program

Programming Language: Assembler

This program initializes the Natural CICS environment at CICS start-up.

XNCIFRNX - Front-End Program

Programming Language: Assembler

This is a front-end program for invoking Natural via EXEC CICS XCTL.

XNCIGNIT - "Good-Night" Program

Programming Language: Assembler

This "good-night" sample program calls NCIZNEP for Natural session clean-up.

XNCIBACK - Termination Data Dump

Programming Language: Assembler

This back-end program displays the Natural termination message and any termination data in dump format.

If invoked from an asynchronous task, the Natural termination message will be issued on the operator console, and potential termination data will be dumped.

NCIBACK can also be invoked by a back-end transaction ("STR=xxx" or "RET=xxx"), where "xxx" is the transaction code associated with XNCIBACK.

XNCIRDC1 - Exit for SYSRDC

Programming Language: Assembler

This program provides a sample exit for the SYSRDC utility; see the relevant section in the Natural Utilities documentation.

XNCIUIDX - User Exit

Programming Language: Assembler

This program provides a sample user exit to test/set the user ID (see also NCIUIDEX User ID Exit Interface).

XNCIUCTR - U/L Case Switch

Programming Language: Assembler

This program serves to switch the terminal into upper/lower case mode.

XNCINEP1 - Node Error Program

Programming Language: Assembler

This node error program calls NCIZNEP using the CICS macro level.

XNCINEP2 - Node Error Program

Programming Language: Assembler

This node error program calls NCIZNEP using the CICS command level.

XNCITIDX - User Exit

Programming Language: Assembler

This program provides a sample user exit to test the terminal ID and/or to set a logical terminal or session ID.

Sample Programs for Use with VSE/ESA

For VSE/ESA, the sample programs written in Assembler are supplied as A books. The sample programs written in COBOL are supplied as C books.